

October 13, 2017

VIA ELECTRONIC FILING

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, D.C. 20554

**Re: SES Americom, Inc. and O3b Limited, Notice of *Ex Parte* Presentation
Use of Spectrum Bands Above 24 GHz For Mobile Radio Services, et al.,
GN Docket No. 14-177, IB Docket Nos. 15-256 & 97-95; RM-11664; WT
Docket No. 10-112**

Dear Ms. Dortch:

On October 11, 2017 Philippe Secher, Senior Manager Spectrum Management & Development of SES Americom, and Will Lewis, Regulatory Counsel of SES Networks, on behalf of SES S.A. and its subsidiary O3b Limited (collectively “SES”), met separately with Louis Peraertz of Commissioner Clyburn’s office; and Holly Saurer in Commissioner Rosenworcel’s office.

The meetings focused on SES and O3b’s position on issues in the above-captioned proceeding of importance to both geostationary orbit and non-geostationary Fixed Satellite Service (“FSS”) operators. The discussion centered on the issues involving the 42.0-42.5 GHz band (the “42 GHz band”), the 47.2-50.2 GHz band (the “47 GHz band”), and the 50.4-52.4 GHz band (the “50 GHz band”).

SES discussed the Commission’s proposals for these bands in its Further Notice of Proposed rulemaking and how to revise those proposals to better accommodate FSS interests in the bands noted above. Specifically, SES noted that portions of the 47 GHz band are identified for High-Density FSS use and that the propagation characteristics of the 42, 47 and 50 GHz bands can facilitate more permissive FSS access to these bands, consistent with the Commission’s goals for 5G. SES also emphasized that these bands are critical FSS expansion bands and asked that the Commission carefully consider the next steps taken in these bands.

SES also highlighted the role that current and next generation geostationary (“GSO”) and non-geostationary (“NGSO”) satellite systems will play in providing connectivity in remote and underserved areas of the U.S. The ability of these systems to meet the throughput demands of U.S. customers and end users in these underserved regions will depend on relia-

ble access to spectrum in the bands discussed above. SES noted that O3b's NGSO system enables current generation mobile services and applications and will be playing a role in providing mobile connectivity in Puerto Rico while local terrestrial networks are being rebuilt.¹

Please contact me if you have questions about this submission.

Respectfully submitted,

SES Networks

/s/ Will Lewis

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cc: Louis Peraertz
Holly Saurer

¹ See O3b Limited, File No. SES-STA-20171011-01135 (filed Oct. 11, 2017); O3b Limited, File No. SES-STA-20171011-01141 (filed Oct. 11, 2017).